

Repair sleeve

FITCO® Heat-Shrink Repair Sleeve

FITCO® Heat-Shrink Repair Sleeve is made from cross-linked polyolefin, with a hot melt-adhesive liner on the inner side of the sleeve. When heating, the sleeve shrinks and the adhesive melts create a water-tight bond between the sleeve and the cable. Sleeve material equals to the properties of the original cable jacket, it closes easily with a flexible stainless steel channel.

Applications:

For insulation on low voltage cable up to 1000 V. Protection against mechanical stress.

Standard color:

Black

Description	Max Cable Diameter (mm)	Min Cable Diameter (mm)	Lenghts supplied
FITCO® Repair sleeve 34/8	34	8	500, 1000 ,15000, 2000
FITCO® Repair sleeve 42/10	42	10	500, 1000 ,15000, 2000
FITCO® Repair sleeve 53/13	53	13	500, 1000 ,15000, 2000
FITCO® Repair sleeve 75/20	75	20	500, 1000 ,15000, 2000
FITCO® Repair sleeve 93/25	93	25	500, 1000 ,15000, 2000
FITCO® Repair sleeve 105/30	105	30	500, 1000 ,15000, 2000
FITCO® Repair sleeve 135/34	135	34	500, 1000 ,15000, 2000
FITCO® Repair sleeve 146/38	146	38	500, 1000 ,15000, 2000
FITCO® Repair sleeve 164/42	164	42	500, 1000 ,15000, 2000
FITCO® Repair sleeve 175/50	175	50	500, 1000 ,15000, 2000
FITCO® Repair sleeve 198/55	198	55	500, 1000 ,15000, 2000

Features:

- Quick and easy installation
- Covered with thermo paint
- Sleeve and channel can be cut to suit shorter applications
- Hot melt adhesive forms a durable, moisture resistant seal
- Fit a wide range of cable sizes

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Properties	Test method	Typical value
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Material

Bursting strength	Test temperature 23±5°C	Min. 15 MPa
Thermal aging	168 h x 150 ±2°C	Min 13.7 MPa
Dielectric strength	Electrode Surface	Min 12 kV / mm
Split resistance	Temperature 200±2°C	No split
Carbon content	Heating rate 20°C / min	Min 2.6±0.25 %
Cold crack resistance	Test temperature ≤ -40°C	No cracking
Resistance to aggressive media	Fuel, Oil, Petroleum jelly	Min 13.7 Mpa
Environmental	10 % Igepal Co 630	No cracking
Temperature indicating	Completely conversion	Completely conversion

Hot melt adhesive

Adhesive softening point	ASTM E28	90±10°C
Peel strength	-PE at 23±2°C -Pb at 23±2°C	Min 70 N
Shear strength	At 23±2°C	Min 100 N
Corrosive effect	ASTM D1693	No effect